

REMARKS

Claims 1 to 5, 8, 9, 16, 17 and 19 are pending in the application, of which Claims 1, 16, 17 and 19 are independent. Reconsideration and further examination are respectfully requested.

Claims 1 to 6, 8, 9, 16, 17 and 19 were rejected under 35 U.S.C. § 103(a) over U.S. Patent No. 6,333,789 (Shima) in view of U.S. Patent No. 6,085,220 (Courts). Reconsideration and withdrawal of this rejection are respectfully requested.

The present invention concerns a copying apparatus having an image scanner. The image scanner in the copying apparatus is used to scan a document to generate an image representing the scanned document. In addition, the copying apparatus includes a receiver for receiving a request from a Web browser. In response to the request, a controller changes the status information of a print job when the request indicates that the status information is to be changed. Thus, the status information of a print job managed in the copying apparatus can be changed in accordance with a request from the Web browser.

Turning now to specific claim language, Claim 1 is directed to a copying apparatus which includes: an image scanner, adapted to scan a document and generate data representing an image on the scanned document; a communication unit, adapted to receive data through a network; a printer, adapted to print an image based on input data; a processor, adapted to perform a plurality of jobs including print jobs performed by using the printer. The copying apparatus further includes: a management unit, adapted to manage information about the plurality of jobs performed by the processor, the information including (i) respective types of the print jobs which include a print of an image based on the data from the communication unit and a local copy which prints an image based on the

data from the image scanner equipped by said copying apparatus, and (ii) status information regarding each of the print jobs, which indicates whether each of the print jobs is waiting to be performed or is being performed; a generating unit, adapted to generate a Web page indicating a list of the print jobs and the status information managed by the management unit; a transmitter, adapted to transmit the Web page generated by the generating unit to a Web browser; a receiver, adapted to receive a request from the Web browser; and a controller, adapted to control the management unit so as to change the status information of at least one of the print jobs managed by the management unit in a case where the request received by the receiver indicates that the status information is to be changed.

In contrast, Shima discloses a printing system that does not include an image scanner or an equivalent. Instead, Shima discloses reading a program from a recording medium such as ROM, CD-ROM or a memory card. Therefore, Shima fails to disclose scanning of the document to generate data representing the scanned document. Because the printing system in Shima does not include an image scanner, the printing system cannot perform a local copy operation in which an image scanned by the image scanner is printed by a printer in the printing system. Thus, the printing system of Shima cannot manage types of print jobs which include a print of an image based on data from a communication unit and a local copy which prints an image based on data from the image scanner included in the copying apparatus of the present invention.

Accordingly, the printing system in Shima does not transmit a Web page indicating a list of the print jobs and the status information managed by a management unit

to a Web browser because the different types of print jobs managed by the copying apparatus of the present invention are not contemplated by Shima.

Furthermore, Shima does not disclose a receiver, adapted to receive a request from the Web browser and a controller, adapted to control the management unit so as to change the status information of at least one of the print jobs managed by the management unit in a case where the request received by the receiver indicates that the status information is to be changed.

Courts has been fully reviewed and nothing in Courts is seen to provide that which is missing from Shima. Courts discloses an enterprise interaction hub capable of providing customized dynamic content to an individual user using a profile database. Courts further discloses that customized Web pages are transmitted to individual users in response to a HTTP request. Not only does Courts fail to disclose a Web page indicating a list of the print jobs and the status information managed by a management unit, Courts also does not disclose a receiver, adapted to receive a request from the Web browser; and a controller, adapted to control a management unit so as to change status information of at least one of the print jobs managed by the management unit in a case where the request received by the receiver indicates that the status information is to be changed.

Finally, U.S. Patent No. 5,567,068 (Egashira) discloses a multifunction printer. The multifunction printer has a scanning function, a copying function and a facsimile function. However, Egashira merely discloses that the printer has these functions. Egashira fails to disclose managing of status information and transmission of the status information to a Web browser. In addition, Egashira also fails to disclose changing of the status information according to a request from the Web browser.

As the cited references, neither alone nor in combination, neither disclose nor suggest a copying apparatus having at least the features of a receiver, adapted to receive a request from a Web browser and a controller, adapted to control a management unit so as to change the status information of at least one of print job managed by the management unit in a case where the request received by the receiver indicates that the status information is to be changed, Applicants submit that amended independent Claim 1 is now in condition for allowance and respectfully request same.

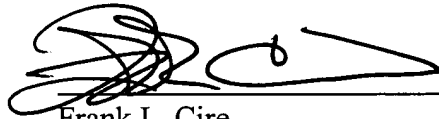
Amended independent Claims 16, 17 and 19 are directed to a control method for a data processing system, a control method for a copying apparatus and a computer-readable medium substantially in accordance with the apparatus of Claim 1. As such, Applicants submit that the discussion from above in regard to Claim 1 applies equally to Claims 16, 17 and 19. Accordingly, Applicant submits that Claims 16, 17 and 19 are now in condition for allowance and respectfully request same.

The other pending claims in this application are each dependent from the independent claims discussed above and are therefore believed patentable for the same reasons. Because each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration of each on its own merits is respectfully requested.

In view of the foregoing amendments and remarks, the entire application is believed to be in condition for allowance, and such action is respectfully requested at the Examiner's earliest convenience.

Applicants' undersigned attorney may be reached in our Costa Mesa, CA office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Frank L. Cire', is written over a horizontal line.

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